



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant (s): Edward O. Shaffer II et al.

Serial No.: 09/933,535

Group Art Unit: 2811

Filed: August 20, 2001

Examiner: Unknown

For: ORGANOSILICATE RESINS AS HARDMASKS FOR ORGANIC  
POLYMER DIELECTRICS IN FABRICATION OF MICROELECTRONIC  
DEVICES

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING  
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Joslyn M. Damore

PRINT OR TYPE NAME OF PERSON SIGNING CERTIFICATE

*Joslyn M. Damore*  
SIGNATURE OF PERSON SIGNING CERTIFICATE  
*16 November 2001*  
DATE OF SIGNATURE

**INFORMATION DISCLOSURE STATEMENT**

**UNDER 37 C.F.R. §§ 1.56 AND 1.97**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

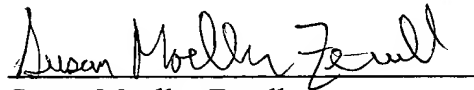
Pursuant to Applicant's duty of disclosure under 37 CFR §1.56 and § 1.97,  
the Examiner's attention is directed to the information identified in the attached Form  
PTO 1449. Applicant has enclosed a copy of each reference on this Form.

Applicant requests that these references be reviewed, considered, and made of  
record. Applicant further requests that the Examiner initial the enclosed Form PTO-  
1449 indicating the Examiner has reviewed the references and return a copy of the  
initialed Form to Applicant.

USSN 09/933,535

This Statement is being submitted before the mailing date of the first Office Action on the merits. Under 37 C.F.R. §1.97(b)(3), submission of this Statement requires no fee. If this is incorrect, please charge any fees required to Deposit Account No. 04-1512.

Respectfully submitted,



Susan Moeller Zerull  
Registration No. 38,367  
Phone: (989) 636-8858

P. O. Box 1967  
Midland, MI 48641-1967

jmd

# INFORMATION DISCLOSURE STATEMENT

(Use Several Sheets if necessary)

ATTY DOCKET NO.

60393B

SERIAL NO.

09/933,535

APPLICANT

Edward O. Shaffer II et al.

FILING DATE

August 20, 2001

GROUP

2811

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	4,812,588	14 Mar. 1989	Schrock	556	453	14 Dec. 1987
	5,115,082	19 May 1992	Mercer et al.	528	219	17 Sept. 1990
	5,136,069	4 Aug. 1992	DeVries et al.	556	453	28 Mar. 1991
	5,138,081	11 Aug. 1992	DeVries et al.	556	466	30 Apr. 1991
	5,155,175	13 Oct. 1992	Mercer et al.	525	390	17 Sept. 1990
	5,179,188	12 Jan. 1993	Mercer et al.	528	219	22 Apr. 1991
	5,874,516	23 Feb. 1999	Burgoyne, Jr et al.	528	219	13 July 1995
	5,965,679	12 Oct. 1999	Godxchalx et al.	526	281	1 Apr. 1997
	5,994,489	30 Nov. 1999	Harris et al.	528	12	24 Oct. 1994

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO
JP 3132885 B2	24 Nov. 2000	Japan (Machine translation)	G 03 F	7/038	X
TW 40435	1999	Taiwan (Abstract Only)	H 01 L	023/522	
0 755 957 B1	6 May 1999	Europe	C 08 G	65/40	
0 875 928 A2	4 Nov. 1998	Europe	H 01 L	21/321	
1 028 460 A2	16 Aug. 2000	Europe	H 01 L	21/768	
WO 91/09081	27 June 1991	PCT	C 08 K	5/27	
WO 94/25903	10 Nov. 1994	PCT	G 03 F	7/038	
WO 97/01593	16 Jan. 1997	PCT	C 08 G	65/40	

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	Materials Research Society (MRS) Bulletin, October 1997, Volume 22, Number 10
	Hendricks et al., POLYM. PREPR., Am. Chem. Soc., Div. Polym. Chm., Volume 37(1), pp. 150-151 (1996)
	Drage et al., Material Res. Soc., Symp. Proc., "Low Dielectric Constant Materials III," Volume 476, pp. 121-128 (1997)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to Applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b> (Use Several Sheets if necessary)				ATTY DOCKET NO.		SERIAL NO.	
				60393B		09/933,535	
				APPLICANT			
				Edward O. Shaffer II et al.			
				FILING DATE		GROUP	
				August 20, 2001		2811	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE <small>IF APPROPRIATE</small>
		6,218,078 B1	17 Apr. 2001	Iacoponi	430	313	24 Sept. 1997
		6,218,317 B1	17 Apr. 2001	Allada et al.	438	780	19 Apr. 1999
		6,265,780 B1	24 July 2001	Yew et al.	257	759	1 Dec. 1998

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES   NO	
		WO 97/10193	20 Mar. 1997	PCT	C 07 C	22/08		
		WO 00/11096	2 Mar. 2000	PCT	C 09 D	169/02		
		WO 00/31183	2 June 2000	PCT	C 08 L	65/00		
		WO 00/75979	14 Dec. 2000	PCT	H 01 L	21/316		
		WO 01/18861 A1	15 Mar. 2001	PCT	H 01 L	21/768		

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)	

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